

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 8

**Amendments to the Claims**

1. 1. (currently amended) A storage compartment in a truck bed liner comprising a divider panel hingedly affixed to a liner bottom by a living hinge, the divider panel thereby enabled to rotate about a horizontal axis to form a vertical wall and an enclosure panel hingedly affixed to a tail gate by a living hinge, the enclosure panel thereby enabled to rotate about a [[vertical]] horizontal axis, the divider panel and the enclosure panel positioned such that when pivoted about their respective axis' form an enclosed compartment.

10

2. (original) The storage compartment of Claim 1 further including a divider panel securing means for positioning and securing the divider panel.

15 3. (original) The storage compartment of Claim 1 further including an enclosure panel securing means for positioning and securing the enclosure panel.

4. (previously amended) The improved truck bed liner of Claim 1 wherein the divider panel is located in a bottom of the truck bed liner.

20

5. (withdrawn) The storage compartment of Claim 1 wherein the enclosure panel is located in the back wall of the truck bed liner.

6. (withdrawn) The storage compartment of Claim 1 wherein the enclosure panel

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 9

is located in the front wall of the truck bed liner.

7. (withdrawn) The storage compartment of Claim 1 wherein the enclosure panel is located in the Side wall of the truck bed liner.

5

8. (original) The storage compartment of Claim 1 wherein the divider panel and the enclosure panel each have three free edges and a fourth edge comprising a hinge means.

10 9. (original) The storage compartment of Claim 8 wherein the hinge means is a living hinge.

10.(currently amended) The storage compartment of Claim 3 wherein the divider panel securing means comprises at least two protrusions extending outwardly from each side wall of the liner at a predetermined point in the side walls such that [[they]] the at least two protrusions maintain the divider panel in a 90 degree angle with respect to a bottom when the divider panel is in a raised position, the at least two protrusions being spaced apart from one another along the horizontal axis a sufficient distance that the divider panel can be positioned between  
15  
20 [[them]]the at least two protrusions.

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 10

11. (previously amended) The liner of Claim 3 wherein the enclosure panel securing means comprises at least two horizontal protrusions extending outwardly from the two side walls of the liner at a predetermined point in the side wall, the at least two horizontal protrusions being spaced apart from one another a

5 sufficient distance to form a closure channel and secure the enclosure panel between the horizontal protrusions.

12. (withdrawn) The liner of Claim 1 further comprising a base panel, the base

panel having a first side and a second side, the enclosure panel being releasably

10 affixed to the first side of the base panel when the enclosure panel is not within the enclosure securing means.

13. (withdrawn) The liner of Claim 1 wherein the enclosure panel is releasably

affixed to the first side of the base panel by a hook and loop type of fastener.

15

14. (original) A storage compartment for a truck bed liner comprising:

an integrated divider panel having at least two living hinges located at

predetermined locations on the divider panel, the living hinges enabling the

divider panel to be raised into a vertical position at one of the at least two living

20 hinges and horizontal position at the second of the at least two living hinges; and panel securing means, whereby, the divider panel can be positioned and secured to form a trunk storage compartment.

15. (currently amended) A storage compartment in a vehicle liner comprising a divider panel hingedly affixed to a liner bottom by a living hinge, the divider

5 panel thereby enabled to rotate about a horizontal axis to form a vertical wall and an enclosure panel hingedly affixed to a tail gate by a living hinge, the enclosure panel thereby enabled to rotate about a [[vertical]] horizontal axis, the divider panel and the enclosure panel positioned such that when pivoted about their respective axis form an enclosed compartment.

10

16. (original) The storage compartment of Claim 15 further including a divider panel securing means for positioning and securing the divider panel.

17. (original) The truck bed liner of Claim 15 further including an enclosure

15 panel securing means for positioning and securing the enclosure panel.

18. (withdrawn) The storage compartment of Claim 15 wherein the divider panel is located in the bottom of the vehicle liner.

20 19. (withdrawn) The storage compartment of Claim 15 wherein the enclosure panel is located in the back wall of the vehicle liner.

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 12

20. (withdrawn) The storage compartment of Claim 15 wherein the enclosure panel is located in the front wall of the vehicle liner.

21. (withdrawn) The storage compartment of Claim 15 wherein the enclosure 5 panel is located in the Side wall of the vehicle liner.

22. (original) The storage compartment of Claim 15 wherein the divider panel and the enclosure panel each have three free edges and a fourth edge comprising a hinge means.

10

23. (original) The vehicle liner of Claim 22 wherein the hinge means is a living hinge.

24. (original) The liner of Claim 16 wherein the enclosure panel securing means 15 comprises at least two horizontal protrusions extending outwardly from the two side walls of the liner at a predetermined point in the side wall, the at least two horizontal protrusions being spaced apart from one another a sufficient distance to form a closure channel and secure the enclosure panel between the horizontal protrusions.

20

25. (original) The liner of Claim 17 wherein the enclosure panel securing means comprises at least two horizontal protrusions extending outwardly from the

two side walls of the liner at a predetermined point in the side wall, the at least two horizontal protrusions being spaced apart from one another a sufficient distance to form a closure channel and secure the enclosure panel between the horizontal protrusions.

5

26. (original) The liner of Claim 15 further comprising a base panel, the base panel having a first side and a second side, the enclosure panel being releasably affixed to the first side of the base panel when the enclosure panel is not within the enclosure securing means.

10

27. (withdrawn) The liner of Claim 15 wherein the enclosure panel is releasably affixed to the first side of the base panel by a hook and loop type of fastener.

28. (currently amended) An enclosed storage compartment [[for a vehicle having  
15 a storage compartment]] comprising a divider panel hingedly affixed to a liner bottom by a living hinge, the divider panel thereby enabled to rotate about a horizontal axis to form a vertical wall and an enclosure panel hingedly affixed to a tail gate by a living hinge, the enclosure panel thereby enabled to rotate about a vertical axis, the divider panel and the enclosure panel positioned such that when  
20 pivoted about their respective axis' form an enclosed compartment.

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 14

29. (withdrawn) An enclosed storage compartment for a vehicle having a storage compartment comprising a divider panel having at least two living hinges located at predetermined locations on the divider panel, the living hinges enabling the

5 divider panel to be raised into a vertical position at one of the at least two living hinges and horizontal position at the second of the at least two living hinges; and panel securing means, whereby, the divider panel can be positioned and secured to form a trunk storage compartment.

10 30. (previously amended) A truck bed of the type made of materials capable of having formed members, the improvement comprising:

a divider panel and further comprising at least two living hinges located at predetermined locations on the divider panel, the living hinges enabling the divider panel to be raised into a vertical position at one of the at least two living  
15 hinges and horizontal position at the second of the at least two living hinges; and panel securing means, whereby, the divider panel can be positioned and secured to form a trunk storage compartment with the bottom and an adjacent side wall.

31. (withdrawn) A storage compartment in a truck bed comprising a hingedly

20 affixed divider panel that forms a vertical wall when in a raised position and a hingedly affixed enclosure panel that forms a horizontal cover member when in a raised position, the divider panel and the enclosure panel positioned such that

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 15

when in a raised position form an enclosed compartment.

32. (withdrawn) The storage compartment of Claim 31 further including a divider panel securing means for positioning and securing the divider panel.

5

33. (withdrawn) The storage compartment of Claim 31 further including an enclosure panel securing means for positioning and securing the enclosure panel.

34. (withdrawn) The storage compartment of Claim 31 wherein the divider panel

10 is located in the bottom of the truck bed.

35. (withdrawn) The storage compartment of Claim 31 wherein the enclosure

panel is located in the back wall of the truck bed.

15

36. (withdrawn) The storage compartment of Claim 31 wherein the enclosure panel is located in the front wall of the truck bed.

37. (withdrawn) The storage compartment of Claim 31 wherein the enclosure

20 panel is located in the Side wall of the truck bed.

38. (withdrawn) The storage compartment of Claim 31 wherein the divider panel

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 16

and the enclosure panel each have three free edges and a fourth edge comprising a hinge means.

39. (withdrawn) The storage compartment of Claim 38 wherein the hinge means

5 is a living hinge.

40. (withdrawn) The storage compartment of Claim 32 wherein the divider panel

securing means comprises at least two protrusions extending outwardly from each Side wall of the bed at a predetermined point in the side walls such that they  
10 maintain the divider panel in a 90 angle with respect to the bottom when the divider panel is in a raised position, the protrusions being spaced apart from one another along the horizontal axis a sufficient distance such that the divider panel can be positioned between them.

15 41. (withdrawn) The storage compartment of Claim 33 wherein the enclosure

panel securing means comprises at least two horizontal protrusions extending outwardly from each of the two side walls of the bed at a predetermined point in the Side wall, the horizontal protrusions being spaced apart from one another a sufficient distance to form a closure channel to receive and secure the enclosure  
20 panel between the horizontal protrusions.

42. (withdrawn) The storage compartment of Claim 31 further comprising a base panel, the base panel having a first side and a second side, the enclosure panel being releasably affixed to the first side of the base panel when the enclosure

5 panel is not within the enclosure securing means.

43. (withdrawn) The storage compartment of Claim 31 wherein the enclosure

panel is releasably affixed to the first side of the base panel by a hook and loop type of fastener.

10

44. (currently amended) A truck bed generally having a front wall, two side walls, a bottom, and a tailgate, the improvement comprising:

a hingedly affixed divider and divider securing means, whereby, the divider can

be positioned and secured with the divider securing means to compartmentalize

15 the truck bed wherein the divider securing means further comprises at least two

protrusions extending outwardly from each side wall of the bed at a

predetermined point in the side walls such that the at least two protrusions

maintain the divider in a 90° angle when the divider is in a raised position, said

protrusions being spaced apart from one another along the horizontal axis a

20 sufficient distance such that the divider can be positioned between the at least two

protrusions and further comprising horizontally divided locking means to

maintain the divider in a horizontal position when the divider is not in a raised

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 18

position.

45. (withdrawn) The truck bed of Claim 44 wherein the divider is located in the bottom of the truck bed.

5

46. (withdrawn) The truck bed of Claim 44 wherein the improvement is molded into the truck bed and having three free edges and a fourth edge comprising a hinge means to fix the divider to the bed.

10 47. (withdrawn) The hinge means of Claim 46 further comprising a living hinge.

48. (withdrawn) The truck bed of Claim 44 wherein the divider is cut into the bed after the bed is manufactured.

15 49. (cancelled) The truck bed of Claim 44 wherein the divider securing means further comprises at least two protrusions extending outwardly from each side wall of the bed at a predetermined point in the side walls such that [[they]] the at least two protrusions maintain the divider in a 90° angle when the divider is in a raised position, said protrusions being spaced apart from one another along the  
20 horizontal axis a sufficient distance such that the divider can be positioned between the at least two protrusions [[them]].

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

Inventor: Brian Haack

Serial Number: 09/473,791

Page 19

50. (cancelled) The truck bed of Claim 44 further comprising horizontally divided locking means to maintain the divider in a horizontal position when the divider is not in a raised position.

5

51. (withdrawn) The truck bed of Claim 44 wherein the divider is molded into at least one side walls of the bed.

52. (withdrawn) The truck bed of Claim 44 wherein the divider is cut into at least 10 one of the side walls of the bed.

53. (withdrawn) An enclosed storage compartment for a vehicle liner comprising a divider panel having at least two living hinges located at predetermined locations on the divider panel, the living hinges enabling the divider panel to be 15 raised into a vertical position at one of the at least two living hinges and horizontal position at the second of the at least two living hinges; and panel securing means, whereby, the divider panel can be positioned and secured to form a trunk storage compartment.